



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/903,991	07/13/2001	Yuri Poeluev	06944.0042	2243		
27155	7590	06/22/2005	EXAMINER			
MCCARTHY TETRAULT LLP SUITE 4900, P.O. BOX 48 66 WELLINGTON ST. WEST TORONTO, ON M5K 1E6 CANADA				EL CHANTI, HUSSEIN A		
		ART UNIT		PAPER NUMBER		
				2157		
DATE MAILED: 06/22/2005						

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

	Application No.	Applicant(s)
	09/903,991	POELUEV, YURI
	Examiner Hussein A. El-chanti	Art Unit 2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) Responsive to communication(s) filed on 04 April 2005.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) Claim(s) 1,4 and 12-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1,4 and 12-19 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

1. This action is responsive to amendment received on April 4, 2005. Claims 2, 3 and 5-11 were canceled. Claims 1 and 4 were amended. Claims 12-19 were newly added. Claims 1, 4 and 12-19 are pending examination.

***Specification***

2. The disclosure is objected to because it contains an embedded hyperlink and/or other form of browser-executable code on Page 4. Applicant is required to delete the embedded hyperlink and/or other form of browser-executable code. See MPEP § 608.01.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1, 4 and 12-19 were rejected under 35 U.S.C. 102(e) as being anticipated by Boden et al., U.S. Patent No. 6,832,322 (referred to hereafter as Boden).

Boden teaches the invention explicitly as claimed including a system and method for receiving a request to connect to a VPN through a DNS where the address is modified to establish a session with the requested VPN address (see abstract).

As to claims 1 and 17, Boden teaches a method and system for resolving a website address when connected with a VPN comprising the steps of:

- a) connecting a public host having a software module with a VPN and having said software module route future domain name requests to a domain name server of said VPN while said connection is active (see col. 6 lines 60-col. 7 lines 36, host is connected to the DNS of a VPN);
- b) said software module monitoring domain name requests from said public host (see col. 6 lines 60-col. 7 lines 36, gateway receives the domain name request);
- c) said software module intercepting said requests (see col. 6 lines 60-col. 7 lines 36, gateway receives domain name request);
- d) said software module modifying said requests and routing said requests to said DNS of said VPN (see col. 6 lines 60-col. 7 lines 36, address request is modified by gateway and sent to DNS);
- e) said DNS resolving requests and returning an address location to said software module as a domain name response (see col. 6 lines 60-col. 7 lines 36, DNS checks table and returns IP address);
- f) said software module modifying said response (see col. 6 lines 60-col. 7 lines 36, gateway receives the address and modifies the received address); and
- g) said software module forwarding said address location to said public host (see col. 6 lines 60-col. 7 lines 36).

As to claim 4, Boden teaches the method of claim 1 further including the step of connecting said host to said address location (see col. 6 lines 60-col. 7 lines 36).

As to claim 12, Boden teaches the method of Claim 1, wherein said software module modifies said requests in step d) by replacing an address of an internet service provider (ISP) with the address of said DNS of said VPN and modifying a check sum of said domain name requests; and said software module modifies said responses in step f) by re-modifying said check sum and said address of said ISP to counter-act the original check sum and ISP address modifications performed in step d) (see col. 6 lines 60-col. 7 lines 36).

As to claim 13, Boden teaches the method of Claim 12, wherein said modification of said check sum includes computing a new check sum by XORing said check sum with a hexidecimal value to obtain a one's complement, and replacing said check sum with said new check sum (see col. 6 lines 60-col. 7 lines 36).

As to claim 14, Boden teaches the method of Claim 1, wherein said connection between said public host and said VPN is a VPN tunnel (see col. 6 lines 60-col. 7 lines 36),

As to claim 15, Boden teaches the method of Claim 14, wherein said VPN tunnel is a Secure Internet Protocol (IPSec) tunnel (see col. 2 lines 41-46).

As to claim 16, Boden teaches the method of Claim 1, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer having data communication capabilities (see col. 6 lines 60-col. 7 lines 36).

As to claim 18, Boden teaches the system of Claim 17, wherein said software module is a driver (see col. 6 lines 60-col. 7 lines 36).

As to claim 19, Boden teaches the system of Claim 17, wherein said public host is one of a personal digital assistant (PDA), a desktop personal computer, and a laptop personal computer; having data communication capabilities compatible with said communication link (see col. 6 lines 60-col. 7 lines 36).

***Response to Arguments***

4. Applicant's arguments with respect to the pending claims have been considered but are moot in view of the new grounds of rejection.
5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

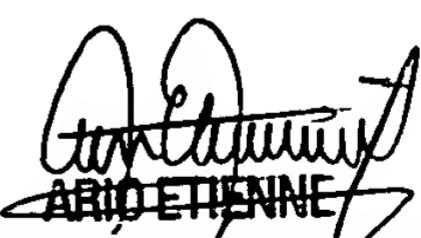
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hussein A. El-chanti whose telephone number is (571)272-3999. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571)272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

June 15, 2005



ARIO ETIENNE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100